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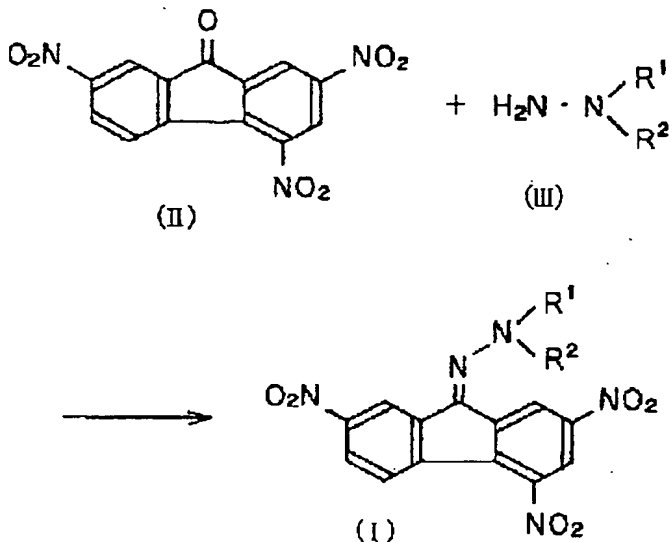
APPLICATION DATE : 30-11-93
APPLICATION NUMBER : 05300487

APPLICANT : MITA IND CO LTD;

INVENTOR : KAWAGUCHI HIROBUMI;

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TITLE : TRINITROFLUORENONEHYDRAZONE
DERIVATIVE



ABSTRACT : PURPOSE: To obtain a new trinitrofluorenonehydrazone derivative useful as an electron transfer agent in solar cells, electrophotographic photoreceptors etc.

CONSTITUTION: This derivative is of formula I [R¹ and R² are each alkyl, aralkyl or (substituted) aryl], e.g. trinitrofluorenone-diphenylhydrazone. This compound of formula I can be obtained, for example, by dissolving trinitrofluorenone of formula II and a hydrazine of formula III in an appropriate solvent followed by reaction at 60-150°C or so for 1-2hr.

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